


**TITLE: BABY LOTION WITH SHEA OIL AND VITAMIN E**
**FORMULATION #005-144**

Ingredient	Product Type	Market Focus	Function	Skin Types	Method	Snap Shot
	Lotion	Infant and Child	Protect/Prevent Repair	All	Cold Process	This baby lotion contains Hydresia® which leaves baby skin feeling smooth and hydrated

**Key Ingredients**

Trade Name	INCI Name	Wt%
<b>PHASE A</b>		
Deionized Water	Aqua	QS
Genuvisco type X93-03 (CP Kelco)	Carrageenan	0.700
Vanzan NF (RT Vanderbilt)	Xanthan Gum	0.800
<b>PHASE B</b>		
<b>Hydresia®G2 (Botaneco)</b>	<b>Carthamus Tinctorius (Safflower) Oleosomes + Glycerin</b>	<b>12.50</b>
Polyaldo DGDO (Lonza)	Polyglyceryl-10 Decaoleate	5.000
Ultra Refined Shea Oil (Biochemica)	Butyrospermum Parkii Seed Oil	3.000
Natural Vitamin E (Biochemica)	Tocopherol	1.000
NZ Lavender	Lavandula Spica (Lavender) Flower/Leaf/Stem	0.001
Fragrance	Fragrance	0.400
<b>PHASE C</b>		
Veegum Ultra (RT Vanderbilt)	Magnesium Aluminum Silicate	2.000
<b>PHASE D</b>		
Preservative		QS

**Procedure**

1. With a homogenizer, disperse Phase A for approximately 30 minutes on highest speed until hydrated. With a propeller mixer, mix Phase B together for 10 minutes or until uniform.
  2. Under a propeller blade, slowly add Phase B to Phase A and mix for 10 minutes at 800 rpm to emulsify.
  3. Slowly add Phase C and mix until hydrated and smooth at 800-1000 rpm for approximately 20 minutes or more.
  4. Add Phase D and mix for 5 minutes or until uniform.
  5. Adjust pH to 5.2-5.5  
Viscosity: RVTC/ 2 = 75-90K cPs pH range: 5.2 - 5.5 081210.5lf
- \*For a more upscale after feel, substitute with Hydresia® Dulcé. Alternatively, may be substituted with Hydresia® SF2 on an equal actives basis and add glycerin.

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